

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

17510 U.S. PTO  
10/69967



**PATENT APPLICATION  
TRANSMITTAL LETTER  
UNDER 37 C.F.R. §1.53(b)**

ATTORNEY DOCKET NO.:  
10434/60901

Address to:  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of

Inventor(s): Lotien Richard HUANG and James Christopher STURM

For : **METHOD FOR LOADING AND UNLOADING MACROMOLECULES  
FROM MICROFLUIDIC DEVICES**

Enclosed are:

1. 17 sheets of specification, 5 sheets of claims, and 1 sheet of abstract.
2. -18- sheet(s) of drawings.
3. Related Application:

The present application claims the benefit of the provisional application Serial No. 60/442,309, filed October 30, 2002, the contents of which are incorporated herein by reference.

4. The filing fee has been calculated as shown below:

	NUMBER FILED	NUMBER EXTRA*	RATE (\$)	FEE (\$)
BASIC FEE				770.00
TOTAL CLAIMS	42 - 20 =	22	18.00	396.00
INDEPENDENT CLAIMS	6 - 3 =	3	86.00	258.00
MULTIPLE DEPENDENT CLAIM PRESENT			290.00	0.00
*Number extra must be zero or larger			TOTAL	1,382.00

If applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.

SMALL ENTITY  
TOTAL

0

5. Please charge the required application filing fee of **\$1,382.00** to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.
6. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**:
  - A. Any additional filing fees required under 37 C.F.R. § 1.16;
  - B. Any additional patent application processing fees under 37 C.F.R. § 1.17;
  - C. Any additional patent issue fees under 37 C.F.R. § 1.18;
  - D. Any additional document supply fees under 37 C.F.R. § 1.19;
  - E. Any additional post-patent processing fees under 37 C.F.R. § 1.20; or
  - F. Any additional miscellaneous fees under 37 C.F.R. § 1.21.
7. A duplicate of this sheet is enclosed.

Dated: **10/30/03**

By:



Thomas F. Meagher (Reg. No. 29,831)

**26646**  
PATENT TRADEMARK OFFICE

Express Mail Label No.  
**EV 254 073 219 US**